

DNA sequences coding for enzymes capable of facilitating the synthesis of linear α -1,4 glucans in plants, fungi and microorganisms

The invention furthermore describes plasmids and bacteria containing these DNA sequences as well as processes for the production of plants and microorganisms capable of intracellularly or extracellularly expressing a polypeptide having amylosucrase activity.

The invention furthermore relates to the production of pure fructose using proteins exhibiting the enzymatic activity of amylosucrase.